



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/821,038
Filing Date	April 7, 2004
First Named Inventor	Li
Art Unit	2631
Examiner Name	not yet assigned
Attorney Docket Number	012.P3002

Sheet 1 of 5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 4,635,063	01/06/1987	Chang et al.	
	2	US- 5,028,931	07/02/1991	Ward	
	3	US- 5,315,532	05/24/1994	Comon	
	4	US- 5,383,164	01/17/1995	Sejnowski et al.	
	5	US- 5,596,333	01/21/1997	Bruckert	
	6	US- 5,949,833	09/07/1999	Weerackody	
	7	US- 5,959,966	09/28/1999	Torkkola	
	8	US- 5,982,327	11/09/1999	Vook et al.	
	9	US- 6,018,317	01/25/2000	Dogan et al.	
	10	US- 6,128,276	10/03/2000	Agee	
	11	US- 6,160,839	12/12/2000	Zhang	
	12	US- 6,188,913	02/13/2001	Fukagawa et al.	
	13	US- 6,201,955	03/13/2001	Jasper et al.	
	14	US- 6,236,862	05/22/2001	Erten et al.	
	15	US- 6,298,082	10/02/2001	Harrison	
	16	US- 6,314,305	11/06/2001	Solondz et al.	
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		Country Code ³ Number * Kind Code ⁵ (if known)				
	20	EP 1 152 548	07.11.2001	Lucent Technologies		
	21	WO 94/29967	22.12.1994	The Salk Institute		
	22	WO 98/37638	27.08.1998	AT&T Wireless		
	23	WO 98/37654	27.08.1998	AT&T Wireless		
	24	WO 98/58450	23/12/1998	Clarity, LLC		
	25	WO 98/59450	30/12/1998	Motorola, Inc.		

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Sheet

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Complete if Known

Application Number	10/821,143 039
Filing Date	April 7, 2004
First Named Inventor	Li
Art Unit	2631
Examiner Name	not yet assigned
Attorney Docket Number	012.P3001

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
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	27	US- 6,453,177	09/17/2002	Wong et al.	
	28	US- 6,665,545	12/16/2003	Raleigh et al.	
	29	US- 2001/0005685	06/28/2001	Nishimori et al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
CMB	33	WO 99/10993	04.03.1999	Nokia Telecommunications		
	34	WO 99/55030	28.10.1999	Telecordia Tech.		
	35	WO 00/33526	08.06.2000	Ericsson, Inc.		
	36	WO 01/65725	07.09.2001	Nokia Networks OY		
	37	WO 02/093784	21.11.2002	Qualcomm Inc.		
	38	WO 02/47286	13.06.2002	Nokia Corporation		

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Sheet 3 of 5	Application Number	10/821,143 038
	Filing Date	April 7, 2004
	First Named Inventor	Li
	Art Unit	2631
	Examiner Name	not yet assigned
	Attorney Docket Number	012.P3001

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	39	TEW-AP100 11 Mbps Wireless Access Point Product Description; www.trendward.com/products/TEW-AP100.htm; 10/29/01; 4 pages.	
	40	Compaq WL400 11 Mbps Wireless LAN Hardware Access Point Product Description; www.compaq.com/products/wireless/wlan/wl400-specifications.html; 10/29/01; 2 pgs.	
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	44	POON et al.; "Multiple-Antenna Channels From A Combined Physical and Networking Perspective"; white paper; 5 pages.	
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	47	OLSON, STEVEN C.; "Antenna Technologies for Wireless Solutions"; white paper/presentation; 9/10/98; 35 pages.	
CMS	48	"A Guide to IEEE 802.11b Wireless Networking Technology"; SMART Modular Technologies, Inc. 2001; 32 pages.	

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Sheet 4	of 5	Attorney Docket Number	012.P3002

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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	50	MAEDA et al., "Blind Signal Separation Via Simultaneous Perturbation Method", white paper, 4 pages.	
	51	RABAEY, Jan M., "Silicon Architectures for Wireless Systems-Part 1", Berkeley Wireless Research Center white paper, 52 pages.	
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	53	RABAEY, Jan M., "Wireless Beyond the Third Generation-Facing the Energy Challenge"; Berkeley Wireless Research Center; ISLPED 2001, Huntington Beach; 38 pages.	
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	55	DEVLIN, MALACHY Ph.D.; "How to Make Smart Antenna Arrays"; Xcell Journal; Spring 2003, 4 pages.	
	56	"Smart Antenna Technology and Applications" Symposium Presentation, 40 pages.	
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MS	58	TEHRANI, ARDAVAN MALEKI, "Space-Time Coding Over a Code Division Multiple Access System", IEEE 1999, pgs. 134-138.	

Examiner Signature		Date Considered	08/15/07
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/	59	POON et al., "An Adaptive Multi-Antenna Transceiver for Slowly Flat Fading Channels", white paper, 3/13/02, 20 pages.	
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/	61	LIU, et al., "A System-Theoretic Foundation For Blind Signal Separation of MIMO-FIR Convolutional Mixtures - A Review", white paper, 7 pages.	
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